



Georgia Tech Foundation

Campus Overview

G. Wayne Clough

June 2, 2007

Freshman profile: Fall 2007

- 2,488 students sent in deposits (will lose some to “summer melt”)
- 56% from Georgia; 46 states, 56 countries represented
- 32% are women
- Average SAT: 1357
- Up: IAC, Sciences, Management
- Down: Architecture, Computing
- Steady: Engineering



Undergrad programs thrive

- Honors Program: full at 120 freshmen; will add another 120 students from next year's freshmen.
- International Plan: 291 students enrolled this year; expect to add another 200 in August.
- Undergraduate Research Option: first 5 students graduated in May; 1,334 students pursued structured research this academic year, increasing 20% a year since 2004.



Students engage



Georgia Tech Interfraternity Council builds Habitat for Humanity house.



AASU, GTSBE, Campus Christian Fellowship send 550 students to New Orleans during breaks.



Tech to host 2,000+ students and faculty from 20 countries in RoboCup 2007.



Glee Club earns a standing ovation from a capacity crowd as "Ensemble in Residence" at Hawaii International Conference of Arts and Humanities.

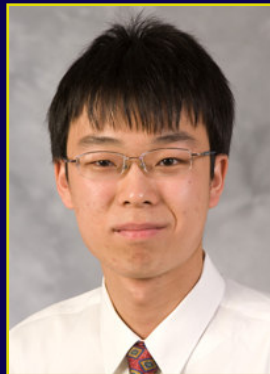
Students honored



Tech student Becky Tucker plays the title role in “Fanya Kaplan” by students Michael Glutzman and Brad Herrmann, which won Best Picture at the Campus MovieFest National Grand Finale.



Drew Hess: First Tech management student to win Kauffman PhD Dissertation Fellowship



BME students Inn Inn Chen and Yixao Zou win Goldwater Scholarships



2006 graduate Nabil Wilf received Fulbright language grant to study Arabic in Syria for the past year.

He has now been named a Gates Cambridge Scholar.



Georgia Tech Promise

- Historic commitment to provide broad access
- Peers offering similar plans
- First in the University System of Georgia
- Serves Georgia students with family income of less than \$30,000
- Students contribute through work-study
- Will enable Tech to recruit bright students from economically disadvantaged families



Tech Promise: Incoming freshmen

- 41 students approved; 26 in process
- Average family income: \$19,148
- 27 men, 14 women
- From 30 communities all around the state
- Average SAT: 1322
- 7 invited to participate in Honors Program



Meet Duane Carver



“I strive to be something, to be successful, so I can give back to the community.”

- Homeless for a year as a high school freshman
- Worked 45 hours a week in high school
- Earned a 3.5 GPA
- One of 3 student in his school to pass AP Physics exam



Making it work

- Begins with all students, August 2007
- Estimate as many as 400 students may qualify
- \$2 million annual cost projected
- Foundation loan will jump-start the program
- Raising a \$50 million endowment as part of the \$150 million campaign goal for student assistance
- \$10.22 million raised to date

Welcoming new leaders



Dean of College of Sciences: Paul Houston

- Peter J. W. Debye Professor of Chemistry at Cornell University
- Senior Associate Dean of the College of Arts and Sciences at Cornell, 2002-05
- Spent 2006 at the University of Rome

Ronald Chance, former chief scientist at ExxonMobil, named Professor of the Practice, School of Chemistry and Biochemistry



Wayne Wolf, “smart camera” pioneer, named Ray S. Farmer Jr. GRA Distinguished Chair in Embedded Computer Systems

Faculty/staff recognitions



Optimization modeling and computational techniques for treating cancer developed by ISyE Professor Eva Lee with the Memorial Sloan Kettering Center won the international Franz Edelman competition.



Gordon Moore: NSBE Minority Engineering Program Director Award for 2007

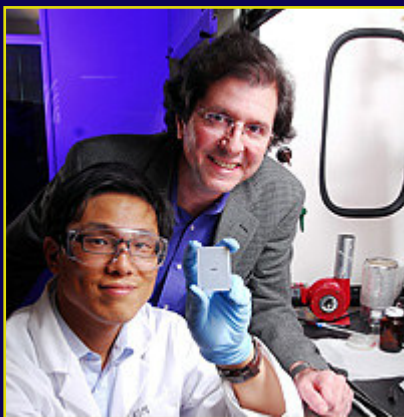
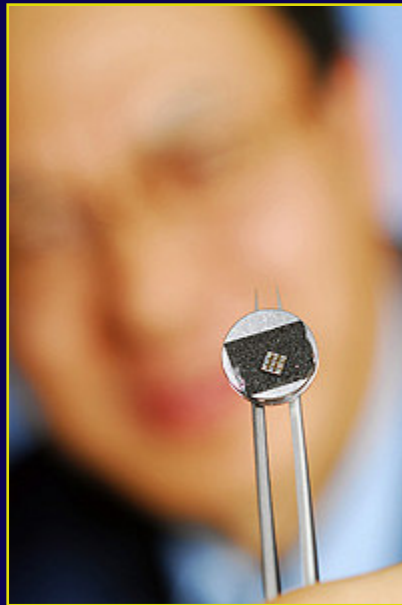
Regents
Professor
Mostafa El-
Sayed won the
Distinguished
Professor Award



Russ Dupuis,
Steve W. Chaddick
Chair in Electro-
Optics, won the
2007 IEEE Edison
Medal

Focus on energy

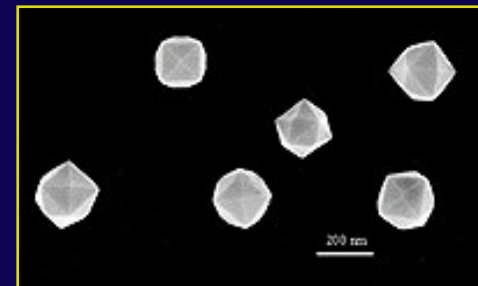
Tiny nanogenerator harvests energy from environmental sources like ultrasonic waves, mechanical vibrations, or blood flow.



New nanoparticle film may make capacitors that store energy in devices like cell phones more effective.



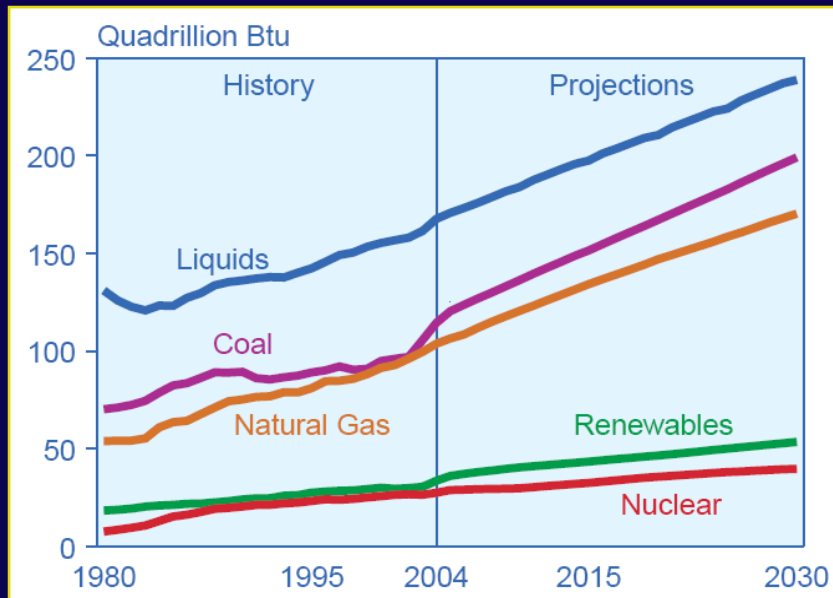
3-D solar cell captures almost all light that strikes it.



Nano-engineered platinum crystals could improve hydrogen energy production.

Energy – sustainability – climate change

World energy use by fuel type:



Energy Information Administration



Marilyn Brown in the School of Public Policy is an expert in energy policy.

Companies from energy to automotive are turning to Georgia Tech for help in hydrocarbon separation to minimize CO₂ emissions from fossil fuels.



Graduate rankings continue strong

- Engineering No. 4
 - ▷ Industrial & Systems Engineering No. 1 for 17th year
 - ▷ 9 of 11 engineering disciplines in the top 10
- Management No. 25
 - ▷ Among top 10 publics
 - ▷ Up from 34 last year
 - ▷ Highest ranking achieved to date
 - ▷ Ranked 2nd in ROI by BusinessWeek



International platforms

- Georgia Tech Lorraine
 - ▷ Year-round undergrad program
 - ▷ Residence halls
 - ▷ Innovative research collaboration
- Singapore
 - ▷ Expansion discussions underway
 - ▷ More disciplines, more students



International activities:

Other discussions underway

- King Abdullah University, Saudi Arabia – dual degrees, visiting professors
- King Fahd University of Petroleum & Minerals – President Clough named to Advisory Board
- Abu Dhabi, United Arab Emirates – primary interest is aerospace engineering
- India – primary interest is electrical and computer engineering
- China – Peking University in Beijing



Women's tennis team
wins national title!

Spring sports



Crew team wins gold medal,
3 silvers at Dad Vail



Golf, softball, baseball teams
compete in NCAA Tournaments.

Roberto Castro is a finalist for
Byron Nelson Award to top senior.

Aileen Morales set ACC single-
season record with 73 runs scored.

Danny Payne earned first-team all-
ACC honors for second straight year.

Facilities update

Marcus Nanotechnology Bldg



North Avenue Apartments



Favorable state budget



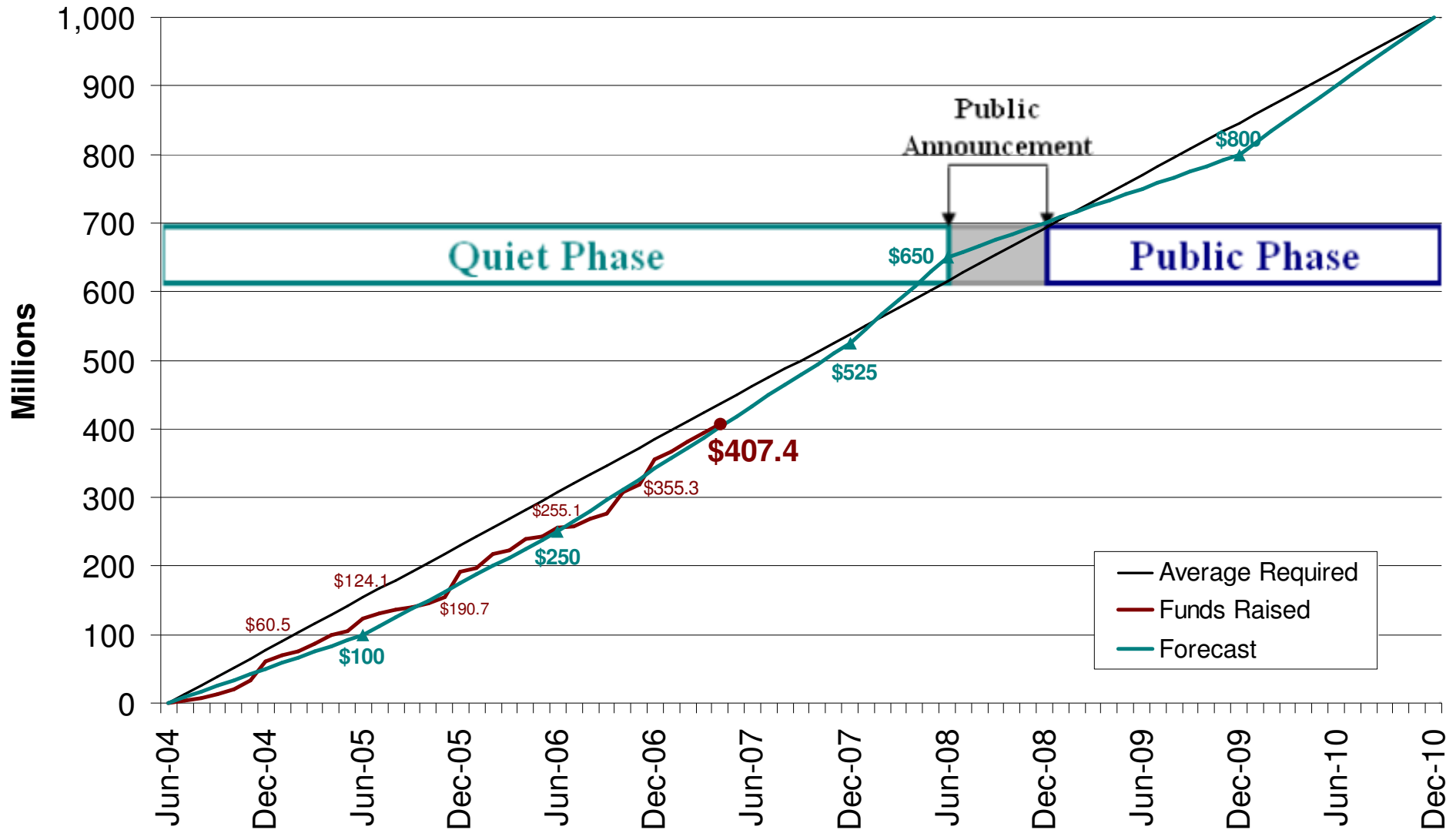
- Formula for resident instruction is fully funded
- 3% salary increase for faculty, staff
- \$19 million for the Georgia Research Alliance
- 15% tuition increase “fixed for four”

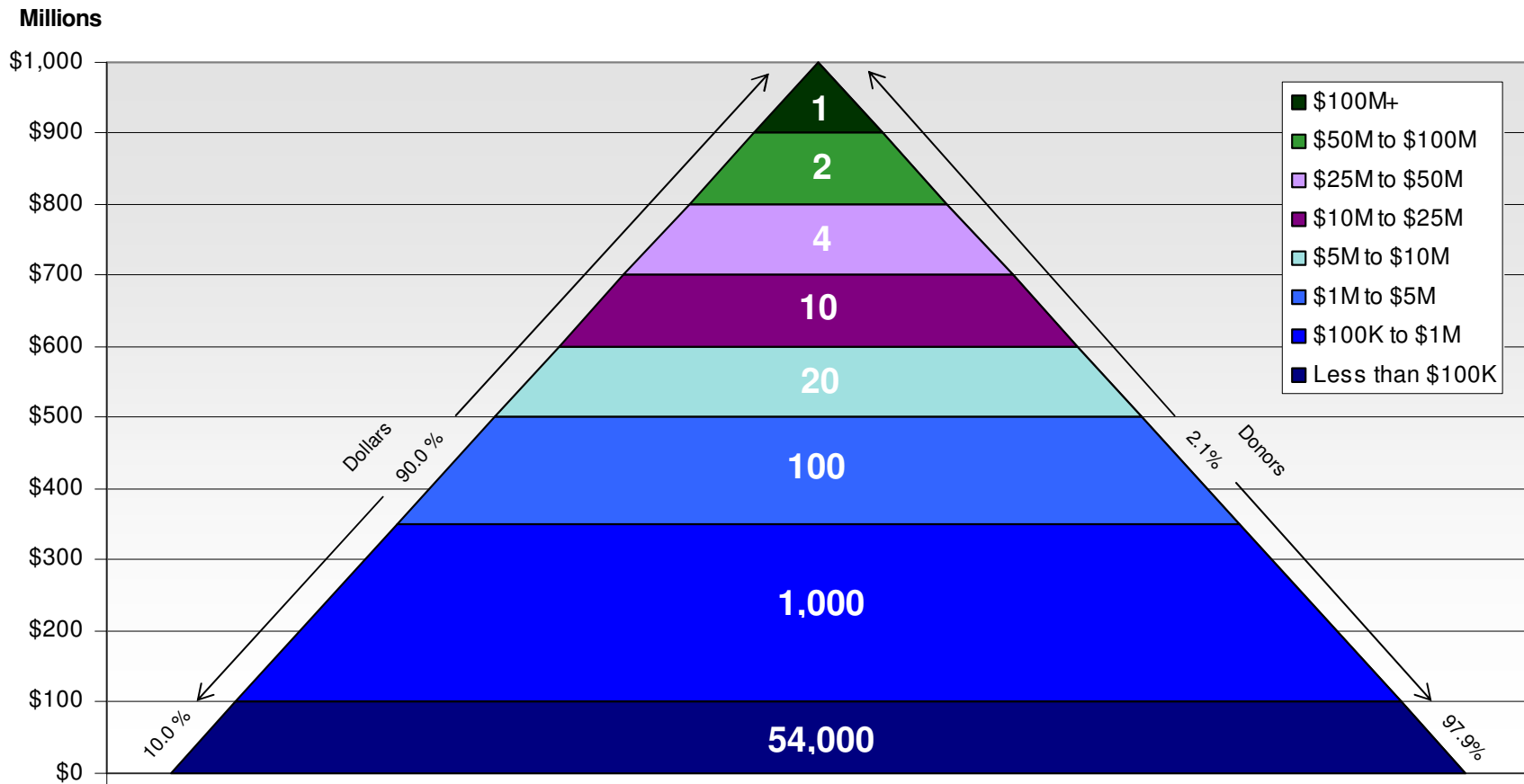
Campaign update



Summary of Objectives Funds Raised v Required

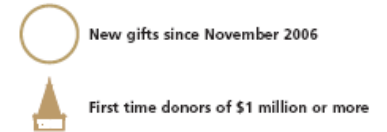
July 1, 2004 through April 30, 2007





Scale of Gifts









July 1, 2004 through April 30, 2007



\$1,500,000
-2,499,999

 Ativo Research, LLC	 C. Garry Betty*	 Wallace H. Coulter Foundation	 David V. Fettes	 The Goizueta Foundation	 Lansford M. Hill	 IBM Corp.	 Robert Wood Johnson Foundation	 Gary T. Jones	 KUKA Roboter GmbH
 R. Kirk Landon	 John D. & Catherine T. MacArthur Foundation	 Russell B. McDonough Jr.	 H. Bruce McEver	 Robert A. Milton	 Anonymous	 Ernest Scheller Jr.	 Siemens Information & Communications Mobile	 Texas Instruments Inc.	 Anonymous
 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous					

\$1,000,000
-1,499,999

 Acuity Brands Inc.	 Robert A. Andien	 Jennifer P. and David L. Bailey	 Warren L. Batts	 James R. Borders	 Hoke S. Brannen Jr.	 Burroughs Wellcome Fund	 Don L. Chapman	 Cisco Systems Inc.	 The Coca-Cola Company Foundation
 David W. Dorman	 Alvin M. Ferst Jr.	 David D. Flanagan	 Georgia Cancer Coalition	 Georgia-Pacific Corp.	 Godbold Foundation Inc.	 Gulfstream Aerospace Corp.	 Lawrence P. Huang	 John P. Imlay Jr.	 W. Mansfield Jennings Jr.
 Ewing Marion Kauffman Foundation	 Stuart W. Mackenzie	 Fred L. McCord	 Michael G. Messner	 Microsoft Corp.	 National Semiconductor Corp.	 Parker H. Petit	 Bill R. Poland	 Dolores G. Reinsch	 Samsung Group
 Samsung SDI Company, LTD	 Scientific-Atlanta Inc.	 Milton A. Smith Jr.	 A. Richard Stirni*	 Stora Enso North America	 Howard T. Tellepsen Jr.	 United Technologies Corp.	 Weyerhaeuser Company	 Deborah N. Willingham	 Anonymous
 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous	 Anonymous

*Deceased

Scale of Gifts

July 1, 2004 through April 30, 2007



New gifts since November 2006



Cumulative giving of \$1 million +
during Campaign reporting period

\$100,000,000



\$50,000,000
–99,999,999



\$25,000,000
–49,999,999



Anonymous



\$10,000,000
–24,999,999



Marcus Foundation



H. Milton Stewart Jr.



Stephen P. Zelnak Jr.



Anonymous



\$5,000,000
–9,999,999



Glen P. Robinson Jr.



Stamps Family
Charitable Foundation



Robert W. Woodruff
Foundation



Michael E. Tennenbaum



\$2,500,000
–4,999,999



A. Russell Chandler III



William R. Collins Jr.



Georgia Power
Company



Intel Corp.



Jerry S. Johnson



Marion E. Mundy



Anonymous



Deen Day Sanders



SCM Group, U.S.A.



Newton W. Thomas*



The University Financing
Foundation



Timing is good

- Economy strong in many sectors
- Tech's reputation strong, alumni are bullish
- Tech's stock with corporations is high
- Most alumni understand the need
- Next generation of alumni wants to help

Corporate sector response

- Recruiters seeking Tech students
- Research faculty working well with industry
- Strong demand for GT research capabilities
- Positive reaction to:
 - ▷ International Plan for students
 - ▷ Interdisciplinary research
 - ▷ Campaign thrust areas: healthcare, nanotechnology, energy/sustainability

Report from the front lines



President's campaign trips since Sea Island 2006